```
/****
 *
 * TreeNode4 extends TreeNode by adding four child components, which are
 * references other TreeNodes.  Hence, TreeNode4 is used to represent
 * quartinary syntactic constructs in a parse tree.
 *
 */
public class TreeNode4 extends TreeNode {

    /**
     * Construct this with the given id and child TreeNode references.
     */
    public TreeNode4(int id, TreeNode child1, TreeNode child2,
            TreeNode child3, TreeNode child4) {
        super(id);
        this.child1 = child1;
        this.child2 = child2;
        this.child3 = child3;
        this.child4 = child4;
    }

    /**
     * Return the String representation of this subtree, which is the String
     * value of its ID, followed on the next three indented lines by the
     * recursive toString of its three children.  See the documentation for <a
     * href= "TreeNode.html#toString()"> TreeNode.toString() </a> for a general
     * description the way trees are represented as strings.
     */
    public String toString(int level) {
        String indent = "";
        for (int i = 0; i < level; i++) {
            indent += "  ";
        }
        return symPrint(id) + "\n" +
            indent + "  " + (child1 == null ? "null" : child1.toString(level+1)) + "\n" +
            indent + "  " + (child2 == null ? "null" : child2.toString(level+1)) + "\n" +
            indent + "  " + (child3 == null ? "null" : child3.toString(level+1)) + "\n" +
            indent + "  " + (child4 == null ? "null" : child4.toString(level+1));
    }

    /** Reference to the left child of this node. */
    public TreeNode child1;

    /** Reference to the first middle (or second, or third-from-the-last) child
     * of this node. */
    public TreeNode child2;


    /** Reference to the second middle (or third, or next-to-the-last) child of
     * this node. */
    public TreeNode child3;

    /** Reference to the right (or fourth, or last, or rightmost, or
     * whatever-the-heck-you-want-to-call-it) child of this node. */
    public TreeNode child4;

}
```